

# PureMatte®



TALNT®  
TECHNOLOGY

## IMPRESS PANELS - HARMONY OF AESTHETICS AND FUNCTION

# PUREMATTE MEETS TALNT TECHNOLOGY

### TALNT Technology:

What's the difference between **PureMatte HPL** and standard HPL? PureMatte High Pressure Laminate (HPL) utilises advanced TALNT technology, resulting in an ultra-hardwearing surface with exceptional performance qualities:

Specially hardened using electronic beam curing (EBC), as PureMatte reaches the final stage of the manufacturing process, it is hit with electrons to create a unique hardened surface, making it suitable for both horizontal and vertical applications.

- + Scratch Resistance
- + Stain Resistance
- + Chemical Resistance
- + Anti-Bacterial Surface
- + Food Grade
- + Anti-fingerprint
- + Soft Matte Finish

Ideal for both horizontal and vertical applications, PureMatte is compatible with plywood and MDF, and is Greenguard certified. Matching ABS Edge is available.

### Typical Uses:

Wall cladding, ceiling cladding, doors, staircases, kitchen furniture, bench tops and cabinets, bathroom furniture and cabinets, home furniture, retail furniture, hotel and restaurant furniture, laboratories, operating theatres, and in hospitals.

#### HEALTHCARE

Hospitals  
Clinics  
Laboratories  
Pharmacies

#### HOSPITALITY

Hotels  
Restaurants  
Bars  
Food Service

#### RESIDENTIAL

Kitchens  
Bathrooms  
Tables  
Cabinetry

#### CHILD CARE

Schools  
Preschool  
Restrooms  
Art rooms

#### COMMERCIAL

Office fitout  
Furniture  
Counters & retail fitout  
Commercial kitchens  
Restrooms  
Cleanrooms & Labs

### Colours:

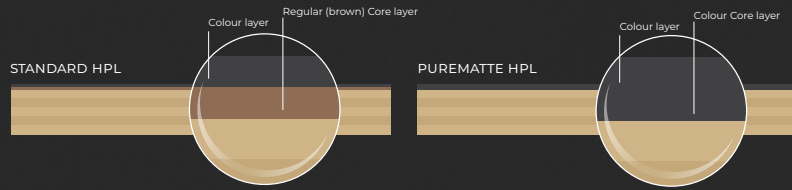
Available in 11 classic colours, PureMatte creates aesthetically pleasing interior surfaces that look and feel clean and modern.



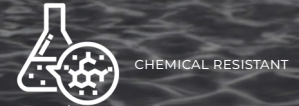
PUREMATTE RAVEN - PRIVATE RESIDENCE



# FEATURES



When viewed under a microscope, you can see that the structure of PureMatte is like a landscape with uneven peaks and valleys. When light waves hit the surface, the angle of incidence is not the same everywhere. Therefore, light reflects in different directions. This is what makes PureMatte matt.



# FINISHES

SMOOTH

TEXTILE

WOODGRAIN







# COLOURS

RAVEN

ATLANTIC

ROYAL

RIVERSTONE

SHADOW

DOVE

MIST

CHAMPAGNE

TRUFFLE

MILFORD

COCOA







## PUREMATTE AVAILABILITY GUIDE

Colour	Matching HPL Backer	Smooth	Woodgrain	Textile
Dove	✓	✓	✓	✓
Champagne	✓	✓	✓	✓
Truffle	✓	✓	✓	✓
Cocoa	✓	✓	✓	✓
Milford	✓	✓	✓	✓
Mist	✓	✓	✓	✓
Shadow	✓	✓	✓	✓
Royal	✓	✓	✓	✓
Atlantic	✓	✓	✓	✓
Riverstone	✓	✓	✓	✓
Raven	✓	✓	✓	✓

All colours available with colour matched backing Surfreme HPL

## PUREMATTE SUBSTRATE CHART

		Panel size		Board thicknesses (mm)								
				10	12	15	16	18	21	24	25	30
<b>MDF</b>	Standard	2440x1220		EO	✓	✓	✓	✓	✓		✓	✓
		3660x1220		EO		✓		✓	✓			✓
	Moisture Resistant	2440x1220		EO		✓		✓	✓			✓
<b>MDF FR</b>	Moisture Resistant	2440x1220		EO		✓			✓			
		3660x1220		EO		✓						
<b>Plywood</b>	Birch	2440x1220		E1					✓			✓
	Meranti BS1088	2440x1220		EO	✓	✓	✓		✓			✓
	Light weight Poplar	Preorder		E1					✓			

 Environmental choice

EO/E1 Formaldehyde emission level

✓ Available



## ANTI-BACTERIAL PROTECTION

ISO22196 tested to kill 99.99% of bacteria in 24 hours

PureMatte provides peace of mind with spectacular anti-bacterial properties.

Testing by the Fraunhofer Institute for Manufacturing Technology and Advanced Materials in Germany to ISO 22196-2011 using Escherichia coli, Staphylococcus aureus, Salmonella choleraesuis, and Pseudomonas aeruginosa organisms, concluding...

**"the surface coating had very high antimicrobial activity (R >3) for all bacteria tested, with more than 99.99% of the original bacteria no longer detectable after a 24hr contact time."**

## FOOD SAFE

PureMatte has been certified by European testing laboratory, ISEGA, as food safe and suitable for use in food processing facilities, in accordance with European Standards EN1186, EN13130 and CEN/TS14234. Their certification states...

**"...the sample material submitted may be used safely as a coating for HPL plates in food processing factories and may stand in direct contact with all kinds of foodstuffs as far as no hygiene requirements are violated".**

## ANTI-SCRATCH

To demonstrate its scratch-resistance we took to PureMatte with steel wool, a fork, and a key. Visit [www.impresspanels.co.nz](http://www.impresspanels.co.nz) to see the results.

The PureMatte surface is hardened with advanced TALNT Technology which renders it extremely robust and resistant to scratching.

PureMatte achieves a scratch resistance of >3N in accordance with EN438-3 and therefore can be used without restriction in horizontal areas such as tables, desks and worktops.

## STAIN-RESISTANCE

To demonstrate how incredibly stain-resistant PureMatte is we left red wine, beetroot juice, coffee, tea, curry powder and turmeric powder on PureMatte for 3 days. It all simply wiped clean with nothing more than a damp cloth and a melamine sponge.

We have also removed permanent marker and ball-point pen without trace using a damp melamine sponge.

Visit [www.impresspanels.co.nz](http://www.impresspanels.co.nz) to see the stain test video or ask us to send you a sample and you can try it for yourself!

## THERMO MICRO-HEALING

Because of TALNT Technology, PureMatte HPL can use thermal self healing to repair micro scratches.

How to heal:

1. Place a damp cloth/rags directly on the scratches.
2. Apply heat on the cloth with an iron for 10-15 seconds.

OR

1. Use a melamine sponge (Magic Eraser) to create friction on the surface.
2. Rub for approx 20 seconds until the scratches heal.

## COLOUR CORE

PureMatte comes with colour core as standard. This means that the colour you see on the surface continues throughout the thickness of the HPL.

This gives an appealing edge detail when in an exposed edge application (such as on decorative plywood) - you won't see any unsightly brown kraft layers that you get with standard HPL and also means if something sharp impacts the PureMatte surface and digs through the colour layer into the core, the same colour will be visible throughout the indentation or scratch, making it far less likely the damage will be noticeable



# PureMatte®



For further information and  
technical specifications

visit

[www.impresspanels.co.nz](http://www.impresspanels.co.nz)

Available with colour-  
matched ABS edging,  
PureMatte® is able to come  
ready to install. Using  
carbide tipped tools, you  
can saw, rout, and drill  
PureMatte®.

The colours and details  
shown in this brochure are  
as accurate as possible,  
however should only be  
used as an indication.  
Please refer to PureMatte®  
product swatches for actual  
colours.

PureMatte® is marketed  
and distributed by  
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